Subject Index Volume 19

Absorption current, 33, 287
Anomalous current, 287
Ash resistivity, 101

Charge dissipation, 53
Charge distribution, 1, 275
Charge relaxation, 165
Charge simulation, 221
Charge trapping, 45
Charged cylinders, 191
Chargers, 221
Charging, equation, 115
Computer, modelling, 165
Conduction, 215
Conductive paper, 209
Corona, 83, 101
Corona charged PVDF film, 45
Corona discharge, 287, 299
Corona induced wire vibration, 65
Coulomb force, 65
CT electrodes, 33

Dielectric liquids, 215
Dielectric measurements, 181
Dielectric sphere, 201
Discharges, 201
Dust, 299
Dust ignition, 123

Electrets, 205
Electric wind, 65
Electrode design, 101
Electrode geometry, 83
Electrode injection, 235
Electrodes, 209
Electrohydrodynamics, 323
Electron microscopy, 181
Electrostatic fields, 137, 151, 165
Electrostatic force, 65

Field calculation, 165, 275
Field effects, 257
Field mapping, 221
Finite difference methods, 137
Finite elements, 151

Fluid flow, 323

Heat transfer, 151

Instrument, 53
Insulating liquids, 115

Laplace's equation, 137
Laplace's method, 201
Laser anemometry, 323

Magnetic fields, 165
Mapping methods, 191
Metal-liquid interface, 215

Needle-plane corona, 257
Numerical solution, 21, 123

Particles, 1, 21, 181, 299
Photoconductivity, 235
Pigments, 235
Plate-plate geometry, 21
Polycarbonate, 33
Polymers, 205
Potential decay, 45
Potential probes, 243
Potentials, 209
Powders, 123
Precipitators, 1, 21, 83, 101, 221, 243, 257, 299
Pulsed energization, 1

Repulsive force by corona discharge, 65
Resistance measurement, 209

Silo filling, 123
Space charge limited current, 257
Spread sheets, 137
Surface states, 45

Thermally stimulated currents, 287
Thermally stimulated resorption, 33
Toner, 181
Triboelectrification, 181

Volume charge density, 215

Wire-plate geometry, 21

Subject Index Volume 19

Absorption current, 33, 287
Anomalous current, 287
Ash resistivity, 101

Charge dissipation, 53
Charge distribution, 1, 275
Charge relaxation, 165
Charge simulation, 221
Charge trapping, 45
Charged cylinders, 191
Chargers, 221
Charging, equation, 115
Computer, modelling, 165
Conduction, 215
Conductive paper, 209
Corona, 83, 101
Corona charged PVDF film, 45
Corona discharge, 287, 299
Corona induced wire vibration, 65
Coulomb force, 65
CT electrodes, 33

Dielectric liquids, 215
Dielectric measurements, 181
Dielectric sphere, 201
Discharges, 201
Dust, 299
Dust ignition, 123

Electrets, 205
Electric wind, 65
Electrode design, 101
Electrode geometry, 83
Electrode injection, 235
Electrodes, 209
Electrohydrodynamics, 323
Electron microscopy, 181
Electrostatic fields, 137, 151, 165
Electrostatic force, 65

Field calculation, 165, 275
Field effects, 257
Field mapping, 221
Finite difference methods, 137
Finite elements, 151

Fluid flow, 323

Heat transfer, 151

Instrument, 53
Insulating liquids, 115

Laplace's equation, 137
Laplace's method, 201
Laser anemometry, 323

Magnetic fields, 165
Mapping methods, 191
Metal-liquid interface, 215

Needle-plane corona, 257
Numerical solution, 21, 123

Particles, 1, 21, 181, 299
Photoconductivity, 235
Pigments, 235
Plate-plate geometry, 21
Polycarbonate, 33
Polymers, 205
Potential decay, 45
Potential probes, 243
Potentials, 209
Powders, 123
Precipitators, 1, 21, 83, 101, 221, 243, 257, 299
Pulsed energization, 1

Repulsive force by corona discharge, 65
Resistance measurement, 209

Silo filling, 123
Space charge limited current, 257
Spread sheets, 137
Surface states, 45

Thermally stimulated currents, 287
Thermally stimulated resorption, 33
Toner, 181
Triboelectrification, 181

Volume charge density, 215

Wire-plate geometry, 21

Author Index Volume 19

Akazaki, M., 65
Åkerlund, C.-E., 209

Bahkshaee, M., 181
Bärner, K., 323
Blenman, N.G., 299

Cai Xiaoping, 201
Castle, G.S.P., 221
Crowley, J.M., 137

Daly, J.H., 181
Disselnkötter, 323
DuBard, J.L., 243

Elias, J., 53
Elmoursi, A.A., 221

Gibbings, J.C., 115
Glowacki, I., 33

Hara, M., 65
Hayward, D., 181
Helstroom, R., 299
Hilczer, B., 205
Hoburg, J.F., 165
Humphries, W., 299

Il Idrissi, A., 215

Jeszka, J.K., 33
Jones, T.B., 123

Kaura, T., 45
Kawasaki, M., 65
Kihm, K.D., 21
Kryszewski, M., 33

Masuda, S., 243
Medycki, W., 205
Mitchner, M., 21

Nelson, J.K., 1

Ohara, K., 287
Ostergaard, D.F., 151
Owen, D., 191
Owen, D.R., 53

Parris, A., 191
Pethig, R., 219
Pethrick, R.A., 181
Pillai, P.K.C., 235
Pomer, F., 275
Pontius, D.H., 101

Rashid, H.U., 181
Romat, H., 215

Salasoo, L., 1
Schwabe, R.J., 1
Self, S.A., 21
Sharma, P.K., 235
Sherrington, D.C., 181
Shroff, N., 235
Snaddon, R.W.L., 1
Snyder, T.R., 83, 101
Srivastava, V.K., 45

Tang, K.-M., 123
Taylor, D.M., 53
Touchard, G., 215
Tracz, A., 33

Ulański, J., 33

Vann Bush, P., 83, 101

Wintle, H.J., 257